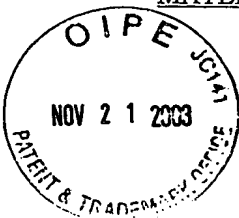


Inventor(s): Hikaru Matsuda et al.Title: SYSTEM AND METHOD FOR INJECTING LIQUID DRUG CONTAINING BIOLOGICAL MATERIAL**POWER OF ATTORNEY**

The specification of the above-identified patent application:



is attached hereto

was filed on September 30, 2003.

I hereby revoke all previously granted powers of attorney in the above-identified patent application and appoint the following attorneys to prosecute said patent application and to transact all business in the Patent and Trademark Office connected therewith:

Henry L. Brinks	(17,013)	James L. Katz	(42,711)
Richard G. Lione	(19,795)	David W. Okey	(42,959)
Melvin F. Jager	(22,131)	James A. Collins	(43,557)
Raymond W. Green	(24,587)	John Murray	(44,251)
Allan J. Sternstein	(27,396)	David H. Bluestone	(44,542)
Gary M. Ropski	(28,257)	Vineet Gauri	(44,701)
John K. Lucas	(27,024)	Vincent J. Gnoffo	(44,714)
Joel W. Benson	(29,002)	Timothy P. Lucier	(44,882)
William H. Frankel	(30,337)	Charles M. McMahon	(44,926)
Richard A. Kaplan	(30,563)	Richard E. Stanley	(45,662)
James P. Naughton	(30,665)	Timothy K. Klintworth	(46,162)
James R. Sobieraj	(30,805)	Anthony P. Curtis	(46,193)
Rodney A. Daniel	(31,605)	Dewayne Hughes	(46,783)
Steven P. Shurtz	(31,424)	Jeffrey M. Nichols	(46,958)
Jeffery M. Duncan	(31,609)	Anastasia Heffner	(47,638)
Thomas J. Filarski	(31,612)	Carmen Matos Michael	(47,793)
Glen P. Belvis	(31,735)	Gregory H. Zayia	(48,059)
Harold V. Johnson	(31,972)	Jonathan P. Taylor	(48,338)
Gustavo Siller, Jr.	(32,305)	Sean P. Springman	(48,415)
Helen A. Odar	(32,806)	Justin B. Rand	(48,552)
Bradley G. Lane	(33,411)	Christopher A. Harkins	(48,775)
Timothy Q. Delaney	(33,674)	Mark D. Weis	(48,826)
Jasper W. Dockrey	(33,868)	Jonathan M.B. Blanchard	(48,927)
Ralph J. Gabric	(34,167)	Susan D. Reinecke	(40,198)
G. Peter Nichols	(34,401)	Peter Breen	(47,441)
John C. Freeman	(34,483)	Ryan B. Kennedy	(48,590)
William F. Prendergast	(34,699)	Dave Murray	(28,647)
Michael E. Milz	(34,880)	Doug Fekete	(29,065)
Janet A. Pioli	(35,323)	Steve Oberholtzer	(30,670)
Robert S. Mallin	(35,596)	Hugo Delevia	(32,688)
Dominic P. Zanfardino	(36,068)	Eric Sosenko	(34,440)
K. Shannon Mrksich, Ph.D.	(36,675)	Margaret Dobrowltsky	(36,501)
Michael P. Chu	(37,112)	James Katz	(42,711)
John G. Rauch	(37,218)	Ray Vivacqua	(45,469)
Kent E. Genin	(37,834)	Lawrence Almeda	(46,151)
Meredith Martin Addy	(37,883)	Michael Spink	(47,107)
Marc V. Richards	(37,921)	John Card	(48,423)
Craig A. Summerfield	(37,947)	Robert Fergan	(51,674)
Andrew D. Stover	(38,629)	Robert Pluta	(50,970)
Mark H. Remus	(40,141)	J. Matthew Buchanan	(47,459)
Tadashi Horie	(40,437)	Heldi A. Dare	(50,775)
Joseph F. Hetz	(41,070)	Cyrus Bharucha	(42,324)
Jason C. White	(42,223)		

Please address all correspondence and telephone calls to K. Shannon Mrksich, Ph.D. in care of:

Brinks Hofer Gilson & Lione  
 NBC Tower, Suite 3600  
 P.O. Box 10395  
 Chicago, IL 60610  
 (312)321-4200

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from Dr. Shusaku Yamamoto as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

Hikaru Matsuda

Inventor (s) Hikaru Matsuda

Date: Oct 16, 2003

Yoshiki Sawa

Inventor (s) Yoshiki Sawa

Date: Oct. 16, '03

Satoshi Taketani

Inventor (s) Satoshi Taketani

Date: Oct. 16, 2003

Shin Kawamata

Inventor (s) Shin Kawamata

Date: Oct. 16, 2003

Shigeru Miyagawa

Inventor (s) Shigeru Miyagawa

Date: Oct. 20, 2003

Emi Maeno

Inventor (s) Emi Maeno

Date: Oct. 21, 2003

Yoshiho Toyota

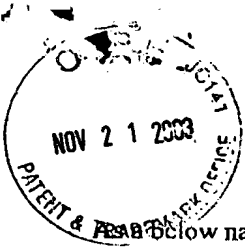
Inventor (s) Yoshiho Toyota

Date: Oct. 27, 2003

Shinji Ozawa

Inventor (s) Shinji Ozawa

Date: Oct. 27, 2003

Case No. 12289/3**DECLARATION FOR PATENT APPLICATION**

Below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SYSTEM AND METHOD FOR INJECTING LIQUID DRUG CONTAINING BIOLOGICAL MATERIAL, the specification of which:

- ☐ is attached hereto.  
☒ was filed on September 30, 2003 as Application Serial No. 10/675,254.  
☐ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)Priority Claimed

(Number)

(Country)

(Day/Month/Year Filed)

☐  
Yes☐  
No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)

(Filing Date)

(Status-patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Signature

Full name of sole or first inventor

Residence

Citizenship

Post Office Address

Hikaru MatsudaDate: Oct 16, 200320-5, Oharacho, Ashiya-shi, Hyogo 659-0092 JapanJapanese20-5, Oharacho, Ashiya-shi, Hyogo 659-0092 Japan

BRINKS HOFER GILSON &amp; LIONE

P.O. Box 10395

Chicago, IL 60610

(312) 321-4200

Inventor's Signature  
 Full name of second joint inventor, if any  
 Residence  
 Citizenship  
 Post Office Address

Yoshiaki Sawa Date: Oct. 16, '03  
Yoshiaki Sawa  
8-3, Kendanicho, Nishinomiyashi, Hyogo 662-0099 Japan  
Japanese  
8-3, Kendanicho, Nishinomiyashi, Hyogo 662-0099 Japan

Inventor's Signature  
 Full name of third joint inventor  
 Residence  
 Citizenship  
 Post Office Address

Satoshi Taketani Date: Oct. 16, 2003  
Satoshi Taketani  
5-13-3-2804, Nakanochi, Miyakojima-ku, Osaka-shi, Osaka 534-0027, Japan  
Japanese  
5-13-3-2804, Nakanochi, Miyakojima-ku, Osaka-shi, Osaka 534-0027 Japan

Inventor's Signature  
 Full name of fourth joint inventor  
 Residence  
 Citizenship  
 Post Office Address

Shin Kawamata Date: Oct. 16, 2003  
Shin Kawamata  
6-11-10-108, Nishiokamoto, Higashinada-ku, Kobe-shi, Hyogo 658-0073 Japan  
Japanese  
6-11-10-108, Nishiokamoto, Higashinada-ku, Kobe-shi, Hyogo 658-0073 Japan

Inventor's Signature  
 Full name of fifth joint inventor  
 Residence  
 Citizenship  
 Post Office Address

Shigeru Miyagawa Date: Oct. 20, 2003  
Shigeru Miyagawa  
3-10-36-305, Nishimidorigaoka, Toyonaka-shi, Osaka 560-0005 Japan  
Japanese  
3-10-36-305, Nishimidorigaoka, Toyonaka-shi, Osaka 560-0005 Japan

Inventor's Signature  
 Full name of sixth joint inventor  
 Residence  
 Citizenship  
 Post Office Address

Emi Maeno Date: Oct. 21, 2003  
Emi Maeno  
Room 305, Eregantofurattsu, 5-1-27, Onoharahigashi, Minoh-shi, Osaka 562-0031 Japan  
Japanese  
Room 305, Eregantofurattsu, 5-1-27, Onoharahigashi, Minoh-shi, Osaka 562-0031 Japan

Inventor's Signature  
 Full name of seventh joint inventor  
 Residence  
 Citizenship  
 Post Office Address

Yoshiho Toyota Date: Oct. 27, 2003  
Yoshiho Toyota  
37-2, Aza, Yabushita, Kakemachi, Okazaki-shi, Aichi 444-0011 Japan  
Japanese  
37-2, Aza, Yabushita, Kakemachi, Okazaki-shi, Aichi 444-0011 Japan

Inventor's Signature  
 Full name of seventh joint inventor  
 Residence  
 Citizenship  
 Post Office Address

Shinji Ozawa Date: Oct. 27, 2003  
Shinji Ozawa  
4-326, Nakaotai, Nishi-ku, Nagoya-shi, Aichi 452-0822 Japan  
Japanese  
4-326, Nakaotai, Nishi-ku, Nagoya-shi, Aichi 452-0822 Japan